

THE HAWAIIAN STAR

DAILY AND SEMI-WEEKLY.

Daily published every afternoon (except Sunday) by the Hawaiian Star Newspaper Association, Ltd., McCandless Building, Bethel street, Honolulu, T. H.

Entered at the postoffice at Honolulu as second class mail matter.

SUBSCRIPTION RATES, PAYABLE IN ADVANCE.

Daily, anywhere in the islands, per month	\$.75
Daily, anywhere in the islands, three months	2.00
Daily, anywhere in the islands, six months	4.00
Daily, anywhere in the islands, one year	8.00
Daily, to foreign countries, one year	12.00
Semi-Weekly, anywhere in the islands, one year	2.00
Semi-Weekly to foreign countries, one year	3.00

Advertising rates supplied upon request.

L. D. TIMMONS, MANAGER.

Business office telephone, 2365; postoffice box, 366.

Oceanic Steamship Company

Sierra Schedule

LEAVE S. F.	ARRIVE HON.	LEAVE HON.	ARRIVE S. F.
JUNE 10	JUNE 16	JUNE 21	JUNE 27
JULY 1	JULY 7	JULY 12	JULY 18
JULY 22	JULY 28	AUG. 2	AUG. 8
Aug. 12	AUG. 18	AUG. 23	AUG. 29
Sept. 2	SEPT. 8	SEPT. 13	SEPT. 19
SEPT. 23	SEPT. 29	OCT. 4	OCT. 10

RATES from Honolulu to San Francisco—First Class, \$65; Round Trip, \$110. Family Room, extra.
Reservations will not be held later than forty-eight hours prior to the advertised sailing time unless tickets are paid for in full.

FOR PARTICULARS, APPLY TO

C Brewer & Co., Ltd.

GENERAL AGENTS.

Canadian-Australian Royal Mail Steamship Co.

Steamers of the above line running in connection with the CANADIAN PACIFIC RAILWAY COMPANY between Vancouver, B. C., and Sydney, N. S. W., and calling at Victoria, B. C., Honolulu and Brisbane, Q.

FOR FIJI AND AUSTRALIA	FOR VANCOUVER.
S. S. MARAMA.....JUNE 23	MAKURA.....JUNE 20
S. S. MAKURA.....JULY 21	S. S. ZEALANDIA.....JULY 18

*Calls at Panning Island.

CALLING AT SUVA, FIJI, ON BOTH UP AND DOWN VOYAGES.

Theo. H. Davies & Co., Ltd., Gen'l Agents

Pacific Mail Steamship Co.

Steamers of the above company will call at Honolulu and leave this port on or about the dates mentioned below:

FOR THE ORIENT:	FOR SAN FRANCISCO
S. S. PERSIA.....JULY 5	S. S. MANCHURIA.....JULY 15
S. S. KOREA.....JULY 11	S. S. KOREA.....JUNE 27
S. S. SIBERIA.....JULY 24	S. S. SIBERIA.....JUNE 30
S. S. CHINA.....AUG 1	S. S. CHINA.....JULY 7

*Will call at Manila.

For general information apply to

H. Hackfeld & Co., - - - - Agents

Matson Navigation Co.'s Schedule, 1911

DIRECT SERVICE BETWEEN SAN FRANCISCO AND HONOLULU.

Arrive from San Francisco.	Sail for San Francisco.
S. S. HONOLULAN.....JUNE 3	S. S. HONOLULAN.....JUNE 13
S. S. WILHELMINA.....JUNE 13	S. S. WILHELMINA.....JUNE 21
S. S. WILHELMINA.....JUNE 27	S. S. LURLINE.....JULY 3

The S. S. Hyades of this line sails from Seattle for Honolulu direct on or about June 10, 1911.

CASTLE & COOKE, LTD., GENERAL AGENTS

American-Hawaiian Steamship Co.

FROM NEW YORK TO HONOLULU, via Tehuantepec, every sixth day. Freight received at all times at the Company's Wharf, 41st Street South Brooklyn.

FROM SEATTLE OR TACOMA TO HONOLULU DIRECT:
S. S. COLUMBIAN to sail about.....June 14
S. S. ALASKAN to sail about.....June 26
S. S. ARIZONAN to sail about.....July 8

For further information apply to

H. HACKFELD & CO, LTD, Agents, Honolulu.

C. P. MORSE, General Freight Agent.

Toyo Kisen Kaisha.

Steamers of the above Company will call at and leave Honolulu on or about the dates mentioned below:

FOR THE ORIENT.	FOR SAN FRANCISCO.
S. S. AMERICA MARU.....JUNE 20TH	S. S. NIPPON MARU.....JUNE 23
S. S. TENYO MARU.....JUNE 27TH	S. S. CHIOY MARU.....JULY 1ST
S. S. NIPPON MARU.....JULY 18TH	S. S. AMERICA MARU.....AUG 11TH

Castle & Cooke, Ltd., Agents

UNION PACIFIC TRANSFER CO., LTD

Acknowledged to be the best people to move Pianos and Furniture. King St., next Young Hotel. Telephone 1875

Shipping And Waterfront News

BY W. H. CLARKE.
(Additional Shipping on Page Five.)

SIERRA HERE ON BANNER TRIP

"This was our banner trip," said the Star a few days before their departure from San Francisco, together with the names of those making the journey, and their chaperones. These girls, together with a number of other passengers, and Captain Trask and Purser Smith will run down to Haleiwa tomorrow for the day.

Another feature of the trip over was the dancing on the promenade deck. This was something new, and the Sierra band provided the music. The Sierra brought over 105 cabin passengers, eight in the storage 162 sacks of mail, 1878 tons of cargo, together with the usual Wells, Fargo express matter, a bi-plane and some automobiles.

The passengers were enabled to leave the vessel a little earlier than usual this morning, for they were on the dock before half-past seven.

Associated with Captain Trask are P. F. Johnson, chief officer; Second Officer Preston and Third Officer Downs. The rest of the staff remains the same. The popular Dr. Clark has now recovered from his late indisposition. S. Church is still in charge of the Sorority girls were coming here machinery, and Chief Steward Carleton is just as happy as ever.

NEW AID TO NAVIGATION IN SIGHT

(Edward Hughes, E. E., in Pacific Marine Review.)

One of the greatest difficulties the navigator has to contend with in the pursuit of his calling is fog. It is during thick or foggy weather that all the skill of the navigator is required, his knowledge of the course he is running, etc., must be perfect to enable him to safely navigate his ship from port to port.

To aid the navigator during thick or foggy weather, the various governments have had installed at suitable points lighthouses and fog alarms. Should the night be dark (no moon) and the atmosphere be clear, the light will be visible at a distance depending upon its height from sea level and its intensity in candle power.

Should the atmosphere be not clear, due to an excess of humidity, the light will be absorbed or checked by the fog or dense atmosphere, and therefore will not be visible at as great a distance as it would through a perfectly clear atmosphere. When the atmosphere is too dense to allow the light to be visible at a proper distance a suitable noise producing apparatus is operated as a fog alarm. The objection to the fog alarm as an aid to navigation is that it can not be depended upon to send signals in a given direction or of a given intensity to a stated distance, due to the variability of the atmospheric density, the direction of the wind, projections of land, etc.

To provide against the absorption of the light during thick or foggy weather it is proposed to use high frequency electric waves, similar to those used for "wireless" work, to clear the atmosphere, to allow a beam of light to be shown.

The fog or humid atmosphere consists of millions of atoms of water in suspension in space, the high frequency waves would impart to some of the atoms a negative charge and to others a positive charge, the atoms charged oppositely would have a tendency to become drawn together, while those of like charge would be thrown apart, thus causing them to cohere with other atoms and become of such weight that they will fall to sea level by force of gravity as rain.

Light being of an electro-magnetic nature would have a tendency to follow the path of the falling rain.

ST. ROGATIEN, from London for Honolulu, April 27.

SHERMAN, U. S. A. T., from Honolulu, San Francisco, June 10.

SIBERIA, Am. S. S., from Honolulu ar. Yokohama, May 21.

TENYO MARU, from Honolulu, ar. San Francisco, June 8.

VIRGINIAN, Am. S. S., from Hilo ar. Salina Cruz, June 13.

WADDON, Br. S. S., from Honolulu for Newcastle, via Ocean Island, April 14.

WILLIAM P. FRYE, Am. ship, for Delaware Breakwater, May 22.

WILHELMINA, from Hilo for Honolulu, June 14.

W. H. MARSTON, Am. schr., from San Francisco to Honolulu and Pearl Harbor, water-logged and towed back to San Francisco.

W. J. PATTERSON, Am. schr., from Honolulu for Gray's Harbor, June 9.

ZEALANDIA, Br. S. S., left Honolulu for Australia, May 26.

THE MAILS.

From San Francisco, America Maru, June 20.
To San Francisco, Korea, June 17.
From the Orient, ex Korea, June 17.
To the Orient per America Maru, June 20.
From Australia, ex Makura, June 20.
To Australia per C-A. S. Marama, June 23.

SHIPPING IN PORT.

(Government Vessels.)
U. S. S. Thetis, from Laysan Island, June 13.
U. S. L. E. tender Kukui, from a cruise, June 16.
(Merchant Vessels)
Flourance Ward, Am. schr., Plitz, from Midway, May 18.
Am. scr. Alice Cooke, from Port Ludlow, May 30.
Repeat, Mackenzie, from Port Gamble, June 1.
Sierra, from San Francisco, June 16.

PROJECTED ARRIVALS.

From Manila.
Sheridan, July 5.
Buford, August 4.
Sherman, September 4.

PROJECTED DEPARTURES.

For San Francisco.
P. M. S. S. Korea, June 17.
Sierra, June 21.
Wilhelmina, June 21.
Nippon Maru, June 23.
Siberia, June 30.
For Vancouver.
Makura, C-A. R. M. S., June 20.
Zealandia, C-A. R. M. S., July 18.

For Fiji and Australia.

Makura, C-A. R. M. S., June 21.
Makura C-A. R. M. S., July 23.
For China and Japan.
T. K. K. S. America Maru, June 20.
T. K. K. S. Tenyo Maru, June 27.
P. M. S. Persia, July 5.
INTER-ISLAND VESSELS.
For Maui and Hawaii Ports.
Mauna Kea, I-L. S. N. Co., every Tuesday.
Claudine, I-L. S. N. Co., every Friday.

For Molokai and Maui.

Mikahala, every Tuesday.
For Kauai Ports.
W. G. Hall, I-L. S. N. Co., every Thursday.
Kinau, I-L. S. N. Co., every Tuesday.

Kona and Kau Ports.

Mauna Loa, I-L. S. N. Co., alternate Tuesdays and Fridays.
TRANSPORT SERVICE.
U. S. A. T. Crook, laid up at San Francisco.
U. S. A. T. Thomas at San Francisco.
U. S. A. T. Warren, at Philippines.
U. S. A. T. Dix, at Seattle, out of commission until August 1.
U. S. A. T. Sheridan en route to Manila from San Francisco.
U. S. N. T. Buffalo, en route to Alaska with equipment and supplies.
U. S. A. T. Buford left Honolulu for Manila, via Guam, June 14.
U. S. A. T. Logan laid up at San Francisco.

U. S. A. T. Sherman en route to San Francisco.

Left Honolulu June 3.
To Manila.
Sherman, July 12.
Sheridan, August 12.
Vessels' whereabouts.
A. F. COATES, schr., from Everett for Hilo, March 6.
A. M. BAXTER, Am. schr., ar. Gray's Harbor from Port Allen, April 17.
ALASKAN, Am. bk., ar. San Francisco from San Diego, June 13.
ALEX. ISENBERG, Ger. sp., from Leith for Honolulu, Feb. 22.
ALDEN RESSE, Am. bk., from San Pedro for Honolulu, March 16.
ALBERT, Am. bk. ar. Port Townsend, from Napocopo, June 4.
ALICE COOKE, schr., from Port Ludlow ar. Honolulu, May 30.
AMERICA MARU, Jap. S. S., for Honolulu, from San Francisco, June 14.

ANDREW WELCH, Am. bk., left Honolulu for San Francisco, June 2.
ARIZONAN, Am. S. S., ar. Salina Cruz from Hilo, June 1.
BENICIA, Am. bk., ar. Gray's Harbor from Hilo June 2.
BERTHA, German bk., from Kahului ar. Gray's Harbor, May 10.
BOREALIS, Am. schr., for Aberdeen, Wash., from Mahukona, May 28.
BUFORD, U. S. A. T., left Honolulu for Manila, via Guam, June 14.
BUYO MARU, Jap. str., left Honolulu en route to South America, May 23.
CAMANO, schr., arrived at Port Gamble from Hilo, May 5.
C. F. CROCKER, Am. bk., from Honolulu for Tacoma, June 10.
CHEHALIS, Am. bk., from Hilo, ar. Grays Harbor May 31.
CHINA, left Yokohama for Kobe, May 28.

CHIOY MARU, Am. S. S., from Honolulu ar. Yokohama, June 10.
COLUMBIAN, Am. S. S., from Seattle for Honolulu, June 14.
CORONADO, Am. bk., from Honolulu, ar. San Francisco, June 9.
CROOK, U. S. A. T., laid up at San Francisco.
EDWARD SEWALL, Am. ship left Kahului for Philadelphia, May 9.
ELDORADO, Am. schr., from Honolulu, ar. Hilo, June 10.
ENTERPRISE, Am. S. S., from Hilo for San Francisco, June 8.
ERSKINE M. PHELPS, Am. ship, ar. Philadelphia from Honolulu, June 14.

ETHEL ZANE, Am. chr., from Eureka ar. Hilo, June 11.
FALLS OF CLYDE, Am. ship, left Honolulu for Gaviota, May 22.
FLAURENCE WARE, Am. schr., ar. Honolulu from Midway, May 17.
FOOHNG SUEY, Am. bk., from Honolulu for N. Y. via Mahukona, April 17.
GEORGE E. BILLINGS, Am. schr., from Newcastle, N. S. W., ar. San Francisco June 8.
HAWAII, Am. bktn., ar. Mahukona from Honolulu, June 5.
H. HACKFELD, German bk., from Honolulu, arrived Portland, Ore., May 21.

HELENE, Am. schr., from Gray's Harbor for Honolulu, June 7.
HILONIAN, Am. S. S., for San Francisco from Port Allen, June 7.
HONOLULAN, Am. S. S., left Honolulu for San Francisco, June 13.
HONGKONG MARU, Jap. S. S., from Honolulu for Yokohama, April 26.
HONOLULU, Am. schr., for Hana from San Francisco, June 13.
HYADES, Am. S. S., for Honolulu from Seattle, June 14.

IRMGARD, bktn., from San Francisco ar. Mahukona, June 15.
ISTHMIAN, arrived San Francisco from San Diego, May 27.
JAMES JOHNSON, Am. bktn., from Honolulu ar. San Francisco, June 10.
JETHOU, Nor. S. S., from Honolulu, arrived Newcastle, April 29.
JOHN ENA, Am. Ship for Delaware Breakwater, from Honolulu, May 14.
KOAN MARU, Jap. S. S., from Honolulu for Formosa, April 26.

KONA, Am. schr., for Honolulu from Newcastle, N. S. W., May 31.
KOREA, Am. S. S., left Yokohama for Honolulu, June 7.
LOGAN, U. S. A. T., laid up at San Francisco.
LURLINE, Am. S. S., from Honolulu, ar. San Francisco June 5.
LYMAN D. FOSTER, Am. schr., from Newcastle, N. S. W., arrived Honolulu, June 5.

MABEL RICKMERS, Ger. bk., from Honolulu for Newcastle, March 30.
MAKURA, Br. S. S., from Fiji for Vancouver, via Honolulu, June 12.
MANCHURIA, Am. S. S., left Honolulu for Orient, May 22.
MARION CHILCOTT, for Gaviota from Honolulu, June 9.
MARAMA, from Honolulu ar. Vancouver, May 30.
MARY E. FOSTER, Am. schr., from Honolulu, ar. Puget Sound May 21.
MARY E. WINKELMAN, ar. Port Ludlow from Honolulu, April 17.
MELROSE, Am. schr., from Eureka ar. Hilo, May 30.

MEXICAN, Am. S. S., for Salina Cruz from Honolulu, via Port Allen, Kahului and Hilo, June 2.
MINDORO, Am. schr., for Honolulu from Columbia River, June 13.
MISSOURIAN, Am. S. S., for Salina Cruz via island ports, June 14.
MONGOLIA, Am. S. S., from San Francisco for the Orient via Honolulu, June 6.
MURIEL, Am. schr., from San Francisco for Honolulu, June 10.
NIPPON MARU, Jap. S. S., left Yokohama for Honolulu, June 13.

NUUANU, Am. bk., Josselyn, from Kananapali for New York, Feb. 7.
O. M. KELLOGG, Am. schr., from Honolulu, ar. Eureka June 1.
ORTERIC, Br. S. S., from Honolulu ar. Tacoma, May 1.
PERSIA, Br. S. S., for San Francisco from Honolulu, June 9.
REPEAT, Am. schr., from Port Gamble ar. Honolulu, June 1.
R. C. SLADE, Am. schr., left Honolulu for Aberdeen, Wash., April 29.
R. P. RITHE, Am. bk., left San Francisco for Honolulu, June 8.

ROBERT LEWERS, Am. schr., from Honolulu, ar. Port Ludlow, June 1.
ROBERT SEARLES, Am. schr., ar. Puget Sound from Honolulu, April 9.
ROSECRANS, Am. S. S., Monterey from Honolulu, June 15.
SANTA RITA, Am. S. S., from Port San Luis for Honolulu, June 8.
SANTA MARIA, str., for Port San Luis, via Hilo, June 6.
S. C. ALLEN, Am. bk., from Grays Harbor ar. Honolulu, May 15.
S. G. WILDER, bktn., for Port Townsend from Everett, June 3.

SHERIDAN, U. S. A. T., left Honolulu for Manila, via Guam, May 14.
SIERRA, Am. S. S., from San Francisco ar. Honolulu, June 16.
SOUTH BAY, Am. S. S., ar. San Diego from Honolulu, May 16.

(Continued on Page Five.)